

SPECIFICATIONS

Prepared on:
June 28, 2005



Updated on:
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Product name: APP FL220 - class G4 (EU4) unwoven filtering mat for spray lacquering cabins

Description and usage:

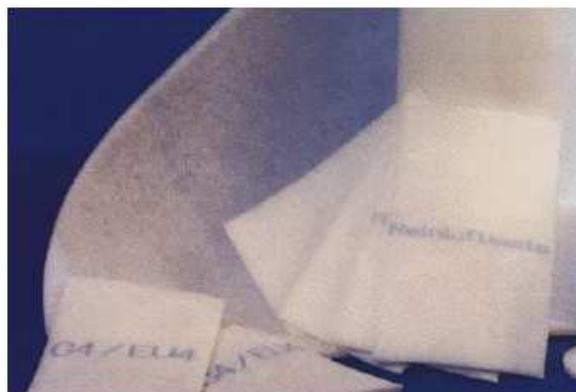
The APP FL220-type unwoven fabric filtering mats are designed for use during the first stage of inlet air filtration in lacquering cabins as air pretreatment filters and final filters at the outlet (before activated carbon filters) in spray painting systems.

They are widely used as filters for air drawn from the environment in any ventilation system with forced air circulation.

Material description:

Filtering medium installed progressively (in an advanced way), with fine, resistant, 100% polyester fibres.

Silicon-free.



Approvals / Certificates:
<ul style="list-style-type: none">• The MPA Certificate in compliance with the EN 779 (DIN 24185).
Material information:
<ul style="list-style-type: none">• Resistance to humidity - up to 100% r.F.• Thermal resistance up to 100°C.• Resistance to fire in compliance with the DIN 53438 F1.
Dimensions:
<ul style="list-style-type: none">• Rolls: 20m x 2m• Cut to sizes specified by customers.• Pocket filters made to size specified by customers.

Special features:

The APP unwoven fabrics for the pre-filtering of air consist of ecologically manufactured durable fibres. To some degree, they may be cleaned by beating or washing, and then reused.

The APP FL220 mat is mainly designed for air pre-filtering in painting systems. Higher efficiency and higher dust absorption capacity results from the progressive installation of fibres, which ensures maximum durability of thorough ceiling filter operation.

The APP filtering mats for pre-filtering may be successfully used in any equipment with forced air circulation and air-conditioners.

The above information complies with current knowledge on our products and their possible applications.

This guarantees no specific properties or usability in particular conditions. Users should observe guidelines and warnings provided on product labels and specified in material safety data sheets. We hold no responsibility if conditions beyond our control affect final result of work.

**Auto Plast Produkt Sp. z o.o. [Ltd.] 62-300 Września, ul. Przemysłowa 10, Poland
tel. + 48(prf)61 437 00 00**

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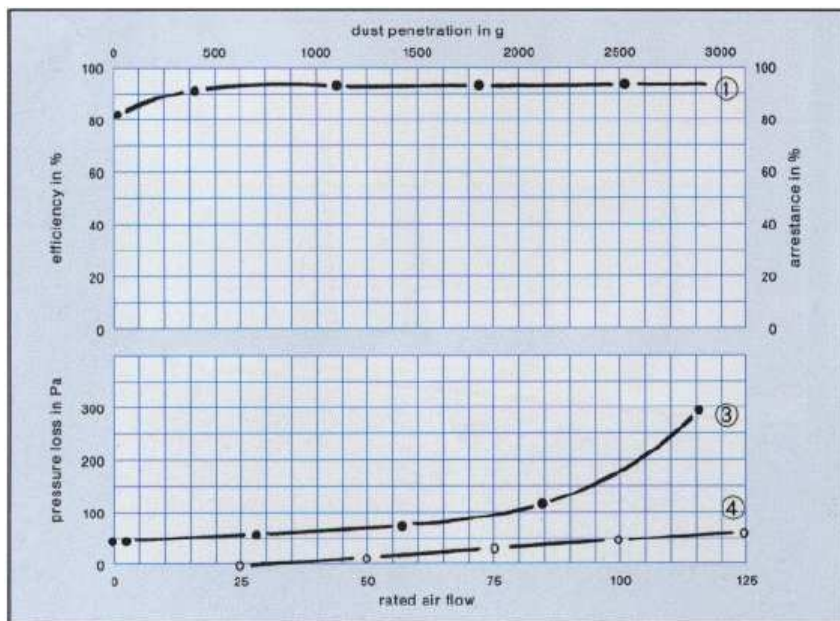


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The APP V600 Test in compliance with the EN 779 (DIN 24185):



Tested on 4.8 m² of effective net filtering area:

- 1.- Arrestance in relation to dust movement at certain air flow.
- 3.- Pressure loss in relation to dust movement at certain air flow.
- 4.- Pressure loss in relation to initial air flow.

Data: APP FL220 G4 (EU 4) in compliance with the EN 779 (DIN 24185)	
arrestance (Am)	90%
rated air flow	5400m ³ /h/m ²
initial pressure loss	42Pa
recommended final pressure loss	250Pa
dust absorption capacity	317g/m ²
thickness	20mm
weight	200g/m ²
dimensions	40m x 2m

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